

UNIVERSITY OF ILLINOIS College of Engineering

Transfer Information

The College of Engineering accepts **sophomore** and **junior**-level transfers. **Junior** transfers are evaluated based on college performance. Students who will transfer with less than **junior** standing in college are evaluated based primarily on the following criteria: grades in college; courses in college; high school academics; ACT or SAT scores; and essays. **Sophomore** transfer admission preference will be given to students who would have been admitted as freshmen applicants.

Qualified students are invited to apply for transfer admission to the College of Engineering. Most community colleges and four-year colleges offer coursework which permit a student to substantially complete the first four semesters of engineering undergraduate study in preparation for transfer.

Admission has been very competitive over the last several years for the Aerospace, Civil and Mechanical majors. Because of recent trends in freshman applications, it is expected that majors like Computer Science, Computer Engineering and Electrical Engineering might also become more competitive in the near future. The college holds all applications and reviews them together for the majors listed above once the application deadline has passed. Based on the quality of the applicant pool, admission may only be offered to a select number of students who have GPAs above the listed minimum guidelines. Some applicants may be offered admission into an alternate program of study in Engineering. If you have applied into one of these competitive majors, you should list alternate majors in which you have interest on our campus in your application. You may discuss specific interests in your essay.

Much of the coursework required for the first four semesters of the various engineering programs is similar and the transfer requirements are listed below in *red italics*. Transfer course information is available at the following website: <https://www.transfer.org/uselect/>.

For sophomore-level transfer admission the requirement is completion of coursework equivalent to the following University of Illinois courses and lack of completion of any of these requirements could result in an increased time to graduation.

Calculus I, generally the first course of a multi-course sequence or a two-course sequence of a quarter calendar system equivalent to the University of Illinois' MATH 220

Calculus II, generally the second course of a multi-course sequence or a three-course sequence of a quarter calendar system equivalent to the University of Illinois' MATH 231

Composition I, generally, a two-course sequence equivalent to the University of Illinois' RHET 105.

Engineering Physics, usually, the first course in calculus-based mechanics equivalent to the University of Illinois' PHYS 211.

General Chemistry I & II, generally, a two-course sequence equivalent to the University of Illinois' CHEM 102/103 and CHEM 104/105.

Language Recommendation¹

Please note that the following Programs of Study in the College of Engineering now require only *one* semester of General Chemistry: **Aerospace Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, General Engineering, Industrial Engineering, Computer Science, Mechanical Engineering and Nuclear Engineering**. All others require two.

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CONTACT INFORMATION: College of Engineering's Office of Academic Programs; Phone: 217/333-2280;
E-mail: engineering@illinois.edu

For **junior-level transfer admission** the requirement is to complete **all of the required and recommended coursework listed** for **sophomore** transfer and as many equivalents as possible to the courses listed below in order to have the most competitive application for admission. Applicants with the following coursework completed will be given priority for admission. Also, length of time to graduation may increase, if these courses are not completed prior to enrollment.

Calculus III, generally, the third course of a three-course sequence or the fourth course of a four-course sequence of a quarter calendar system and equivalent to University of Illinois' MATH 241.

Engineering Physics, the remainder of introductory calculus-based physics series, generally a two or three-course sequence, which includes electricity and magnetism, thermal physics and modern or quantum physics equivalent to the University of Illinois' PHYS 212, PHYS 213, and PHYS 214. Please note that some Programs of Study in the College of Engineering may require either both PHYS 213 and PHYS 214 or some may only require either PHYS 213 or PHYS 214. Please see below:

Programs requiring both PHYS 213 and PHYS 214: Computer Engineering, Electrical Engineering, Engineering Mechanics, and Engineering Physics.

Programs requiring only PHYS 213: Aerospace Engineering, Agricultural Engineering, Civil Engineering, General Engineering, Industrial Engineering.

Programs requiring only PHYS 214: Material Science and Engineering and Nuclear Engineering.

Programs requiring one of either PHYS 213 or PHYS 214: Computer Science.

Note: For Mechanical Engineering, the sequence of **PHYS 213 and PHYS 214** is **no longer required**, but it is one of the possible options to fulfill the Science Elective in the Technical Electives requirements.

To be considered for admission applicants must demonstrate mastery of subject matter by earning a minimum of a **3.00** grade point average (GPA) on a (**A=4.00**) grade scale in the **required technical subjects** (chemistry, math and physics) as well as a minimum **3.00 (A=4.00)** cumulative GPA for all coursework completed. Applicants with the minimum transfer GPA criteria will be considered for admission to one of the College of Engineering programs, but admission to specific competitive majors is not guaranteed, depending on the number of seats available.

In addition to the required coursework necessary for transfer, the College of Engineering **strongly recommends** that prospective transfers enhance their admissibility and make progress toward degree completion by completing other courses required by their desired Program of Study. For complete listings of the graduation requirements for each program, see Undergraduate Programs of Study at the following web site: (<http://courses.illinois.edu/cis/2011/fall/programs/undergrad/engin/engin.html>).

¹ **Language Recommendation:** Starting with all 2012 applicants, there is no longer a language requirement for transfer admission. The College of Engineering requires completion through the third level of one language other than English, either in high school or college, to **graduate** from the college. It is strongly recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at the University of Illinois. Early completion of this graduation requirement will allow time to complete other degree requirements, e.g., General Education coursework. Length of time to graduation may increase, if the Language Requirement for graduation is not completed prior to enrollment.